

ABSTRACT OF THE DISCLOSURE

1 A valve seat member includes; a valve seat face allowing a valve body to be seated
2 when the valve body is closed, and an injection port on downstream side of the valve seat
3 face. A nozzle plate is connected to valve seat member and disposed on downstream side
4 of injection port. The nozzle plate has nozzle holes radially outwardly with respect to
5 injection port. A cross section of fuel passage is perpendicular to injection port, having
6 diameter gradually increased. The fuel passage connects the injection port to nozzle holes.